Two-Week Training Programme for WPO/ACF/RFO

on

"Preparation of Working Plan Forest Resource Assessment using RS/GIS & Field Inventory Method "

Dated: 15-01-2024 to 25-01-2024

Demonstration of Data Capturing App

Forest Survey of India,
Ministry of Environment, Forests and Climate Change
Dehradun. www.fsi.nic.in

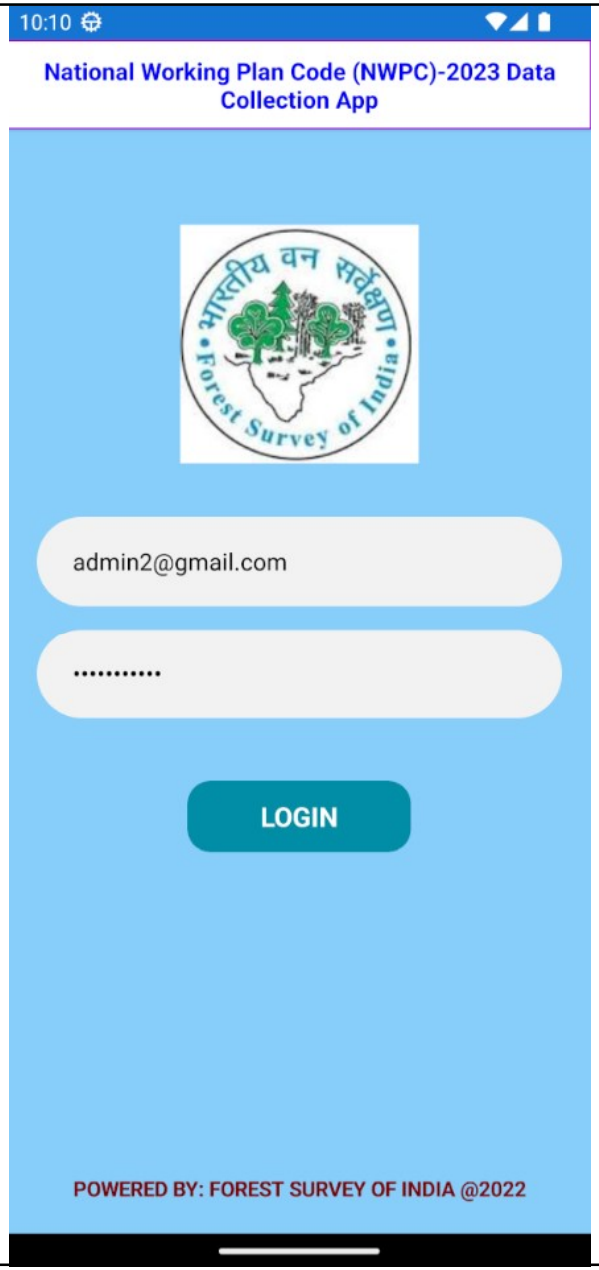
17th January, 2024

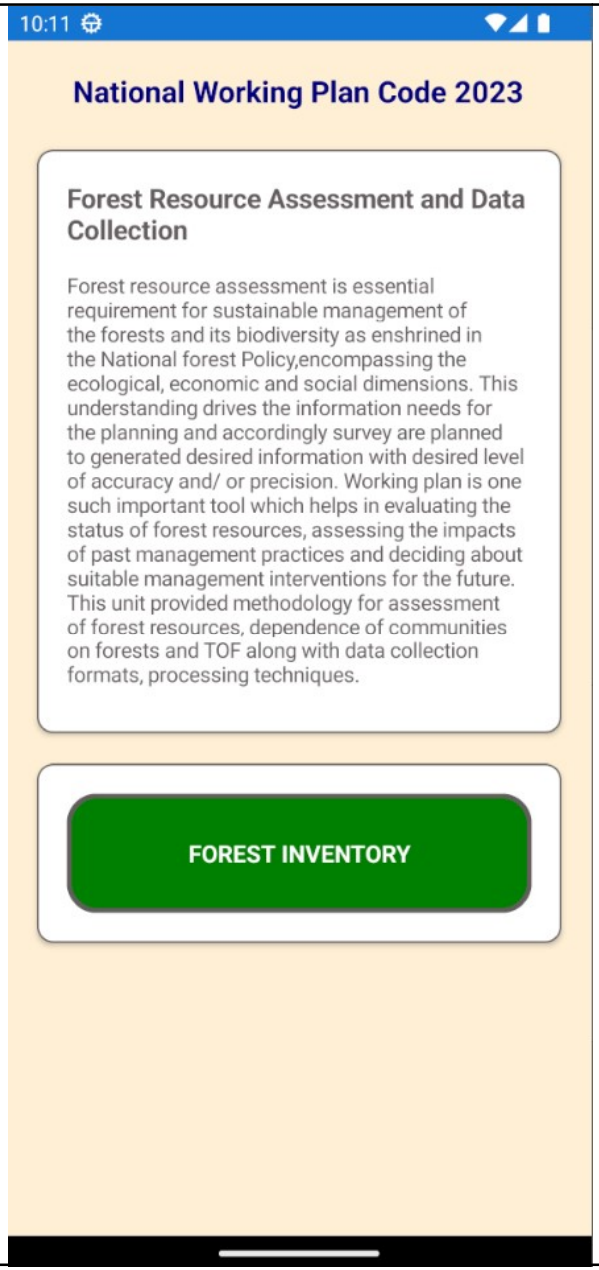
List of the Sample Plots

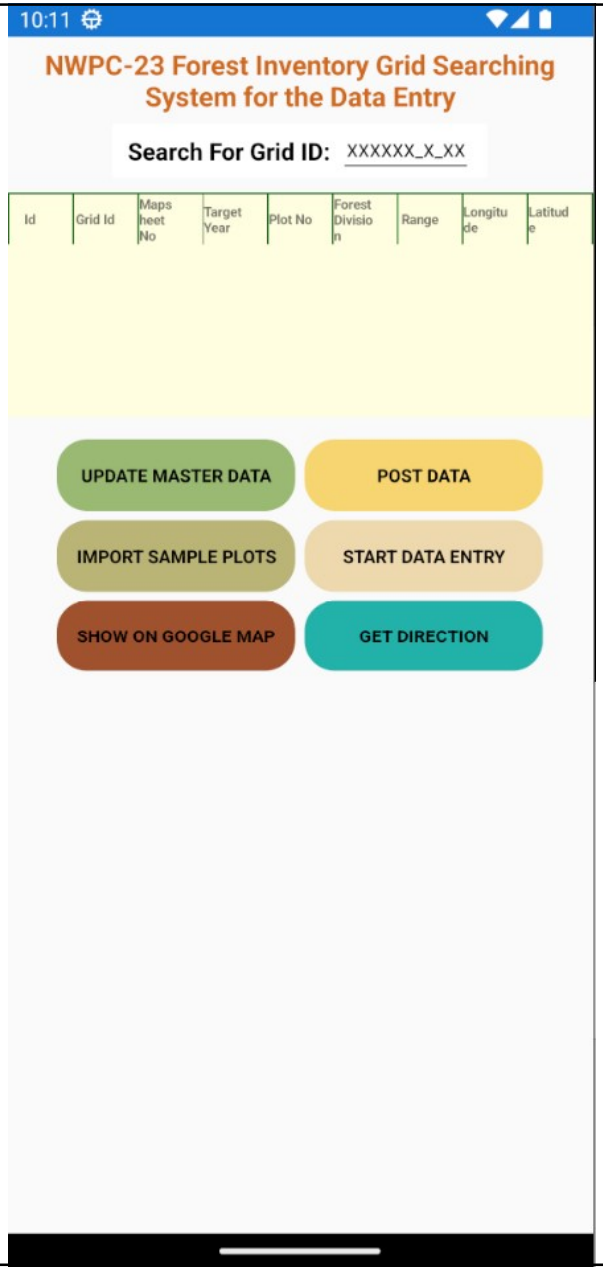
Id	GRID_ID	GRID_ID_New	InvCyc	CycleNo	TargetYear	GridSize	Grid25	Grid125	PlotNo	MapsheetNoNew	LongitudeNew	LatitudeNew	State Code	StateName	DistrictCode	DistrictName	CircleCode	CircleName	ForestDivision	ForestDivision	RangeCode	RangeName	Beat	Block
004168101224211	004168	004168_4_21	1	01	22	4	2	1	1	43J05	74° 23' 15.13" E	34° 45' 02.59" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004288101224011	004288	004288_4_01	1	01	22	4	0	1	1	43J06	74° 20' 04.49" E	34° 44' 25.71" N	01	Jammu and	01	kupwara	03	North	02	Kamraj	03	Matchil	NA	NA
004288101224061	004288	004288_4_06	1	01	22	4	0	6	1	43J06	74° 20' 05.32" E	34° 43' 52.41" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004288101224111	004288	004288_4_11	1	01	22	4	1	1	1	43J06	74° 20' 06.15" E	34° 43' 19.11" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004288101224161	004288	004288_4_16	1	01	22	4	1	6	1	43J06	74° 20' 06.98" E	34° 42' 45.81" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004288101224211	004288	004288_4_21	1	01	22	4	2	1	1	43J06	74° 20' 07.81" E	34° 42' 12.52" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004289101224011	004289	004289_4_01	1	01	22	4	0	1	1	43J06	74° 23' 15.95" E	34° 44' 29.29" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004289101224061	004289	004289_4_06	1	01	22	4	0	6	1	43J06	74° 23' 16.77" E	34° 43' 55.99" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004289101224111	004289	004289_4_11	1	01	22	4	1	1	1	43J06	74° 23' 17.58" E	34° 43' 22.69" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004289101224161	004289	004289_4_16	1	01	22	4	1	6	1	43J06	74° 23' 18.40" E	34° 42' 49.40" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004289101224211	004289	004289_4_21	1	01	22	4	2	1	1	43J06	74° 23' 19.22" E	34° 42' 16.10" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004290101224061	004290	004290_4_06	1	01	22	4	0	6	1	43J06	74° 26' 28.22" E	34° 43' 59.52" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004290101224111	004290	004290_4_11	1	01	22	4	1	1	1	43J06	74° 26' 29.02" E	34° 43' 26.22" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004290101224161	004290	004290_4_16	1	01	22	4	1	6	1	43J06	74° 26' 29.83" E	34° 42' 52.93" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004290101224211	004290	004290_4_21	1	01	22	4	2	1	1	43J06	74° 26' 30.63" E	34° 42' 19.63" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004291101224111	004291	004291_4_11	1	01	22	4	1	1	1	43J06	74° 29' 40.46" E	34° 43' 29.70" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Dupal	Matchil 1st
004291101224211	004291	004291_4_21	1	01	22	4	2	1	1	43J06	74° 29' 42.05" E	34° 42' 23.11" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Dupal	Matchil 1st
004408101224061	004408	004408_4_06	1	01	22	4	0	6	1	43J06	74° 16' 58.09" E	34° 41' 02.30" N	01	Jammu and	01	kupwara	03	North	02	Kamraj	04	North Lolab	Moori	Kalaroos
004408101224111	004408	004408_4_11	1	01	22	4	1	1	1	43J06	74° 16' 58.93" E	34° 40' 29.01" N	01	Jammu and	01	kupwara	03	North	02	Kamraj	04	North Lolab	Kalaroos	Kalaroos
004408101224161	004408	004408_4_16	1	01	22	4	1	6	1	43J06	74° 16' 59.77" E	34° 39' 55.72" N	01	Jammu and	01	kupwara	03	North	02	Kamraj	04	North Lolab	Kalaroos	Kalaroos
004408101224211	004408	004408_4_21	1	01	22	4	2	1	1	43J06	74° 17' 00.61" E	34° 39' 22.44" N	01	Jammu and	02	baramula	03	North	02	Kamraj	04	North Lolab	Kalaroos	Kalaroos
004409101224011	004409	004409_4_01	1	01	22	4	0	1	1	43J06	74° 20' 08.64" E	34° 41' 39.23" N	01	Jammu and	02	baramula	03	North	02	Kamraj	04	North Lolab	Moori	Kalaroos
004409101224061	004409	004409_4_06	1	01	22	4	0	6	1	43J06	74° 20' 09.47" E	34° 41' 05.93" N	01	Jammu and	02	baramula	03	North	02	Kamraj	04	North Lolab	Moori	Kalaroos
004409101224111	004409	004409_4_11	1	01	22	4	1	1	1	43J06	74° 20' 10.30" E	34° 40' 32.64" N	01	Jammu and	02	baramula	03	North	02	Kamraj	04	North Lolab	Moori	Kalaroos
004409101224161	004409	004409_4_16	1	01	22	4	1	6	1	43J06	74° 20' 11.13" E	34° 39' 59.36" N	01	Jammu and	02	baramula	03	North	02	Kamraj	04	North Lolab	Moori	Kalaroos
004409101224211	004409	004409_4_21	1	01	22	4	2	1	1	43J06	74° 20' 11.96" E	34° 39' 26.07" N	01	Jammu and	02	baramula	03	North	02	Kamraj	04	North Lolab	Moori	Kalaroos
004410101224011	004410	004410_4_01	1	01	22	4	0	1	1	43J06	74° 23' 20.04" E	34° 41' 42.81" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004410101224061	004410	004410_4_06	1	01	22	4	0	6	1	43J06	74° 23' 20.85" E	34° 41' 09.51" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004410101224111	004410	004410_4_11	1	01	22	4	1	1	1	43J06	74° 23' 21.67" E	34° 40' 36.22" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004410101224161	004410	004410_4_16	1	01	22	4	1	6	1	43J06	74° 23' 22.49" E	34° 40' 02.94" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004410101224211	004410	004410_4_21	1	01	22	4	2	1	1	43J06	74° 23' 23.31" E	34° 39' 29.65" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Ringballa	Matchil 2st
004411101224011	004411	004411_4_01	1	01	22	4	0	1	1	43J06	74° 26' 31.44" E	34° 41' 46.34" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004411101224061	004411	004411_4_06	1	01	22	4	0	6	1	43J06	74° 26' 32.24" E	34° 41' 13.04" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004411101224111	004411	004411_4_11	1	01	22	4	1	1	1	43J06	74° 26' 33.05" E	34° 40' 39.75" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Chontiwari	Matchil 2st
004411101224161	004411	004411_4_16	1	01	22	4	1	6	1	43J06	74° 26' 33.85" E	34° 40' 06.46" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	NA	NA
004411101224211	004411	004411_4_21	1	01	22	4	2	1	1	43J06	74° 26' 34.66" E	34° 39' 33.17" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	NA	NA
004412101224011	004412	004412_4_01	1	01	22	4	0	1	1	43J06	74° 29' 42.84" E	34° 41' 49.81" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	NA	NA
004412101224061	004412	004412_4_06	1	01	22	4	0	6	1	43J06	74° 29' 43.63" E	34° 41' 16.52" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Dupal	Matchil 1st
004412101224111	004412	004412_4_11	1	01	22	4	1	1	1	43J06	74° 29' 44.43" E	34° 40' 43.23" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	Dupal	Matchil 1st
004412101224161	004412	004412_4_16	1	01	22	4	1	6	1	43J06	74° 29' 45.22" E	34° 40' 09.94" N	01	Jammu and	02	baramula	03	North	02	Kamraj	03	Matchil	NA	NA

Basic requirements for the Mobile App

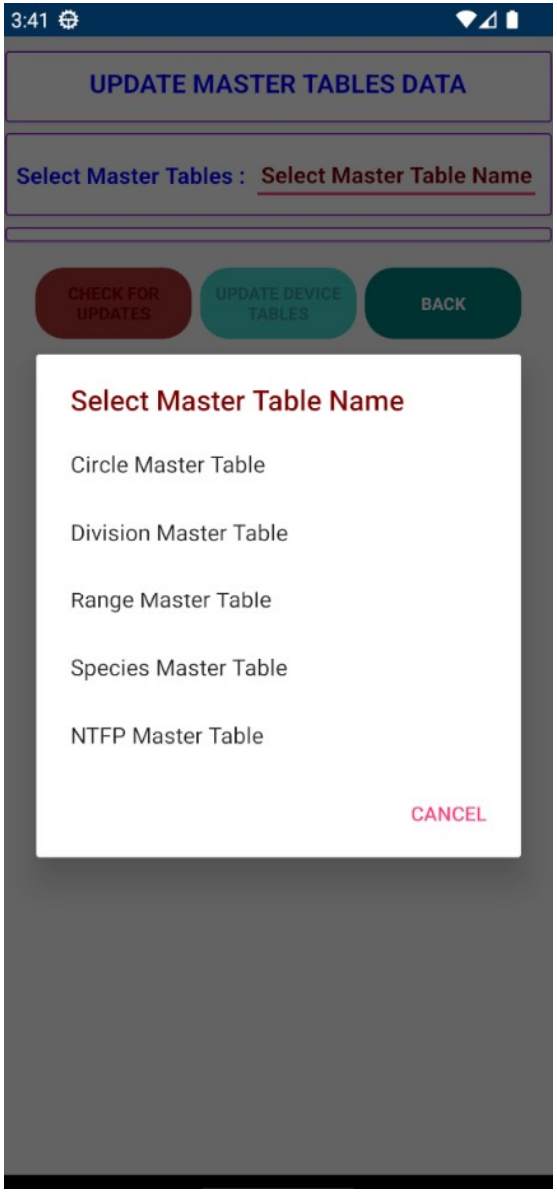
- Any Android mobile device with minimum android OS Version 6 and onwards.
- Supported devices (Android based Smart Phone & Tablets)
- Good Internet connectivity (4G/5G) connection.
- Camera & GPS
- List of the Users those are involved in the data collection work.
- Distribution of the Sample Points with the Users.
- Distribution of the App through FSI Website/ Play Store.
- Not support for iOS.

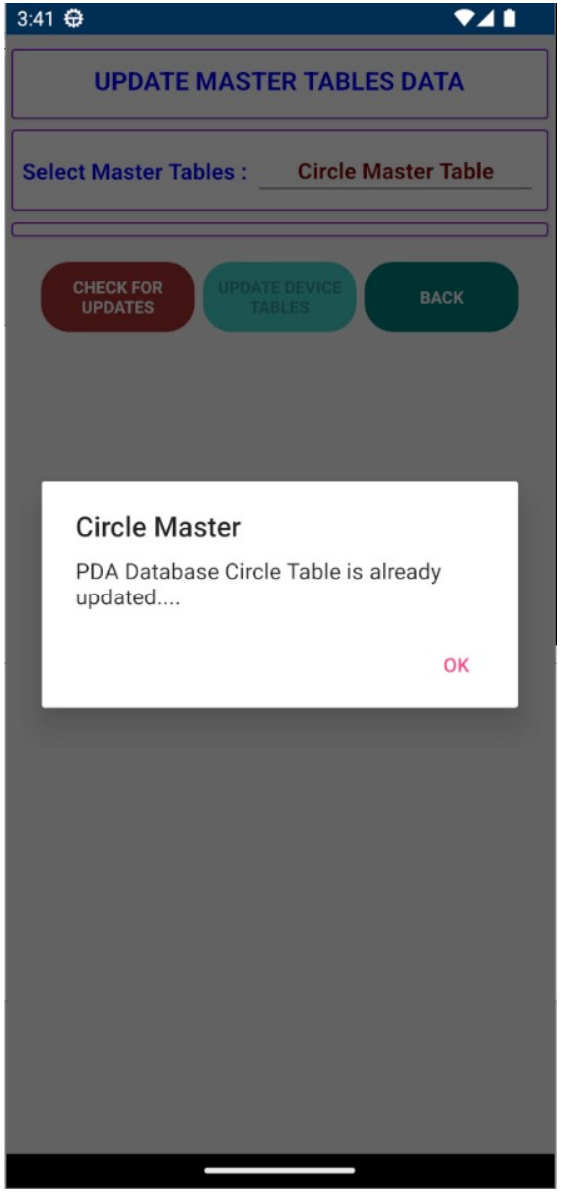

10:10
National Working Plan Code (NWPC)-2023 Data Collection App
admin2@gmail.com
LOGIN
POWERED BY: FOREST SURVEY OF INDIA @2022


10:11
National Working Plan Code 2023
Forest Resource Assessment and Data Collection
Forest resource assessment is essential requirement for sustainable management of the forests and its biodiversity as enshrined in the National forest Policy,encompassing the ecological, economic and social dimensions. This understanding drives the information needs for the planning and accordingly survey are planned to generated desired information with desired level of accuracy and/ or precision. Working plan is one such important tool which helps in evaluating the status of forest resources, assessing the impacts of past management practices and deciding about suitable management interventions for the future. This unit provided methodology for assessment of forest resources, dependence of communities on forests and TOF along with data collection formats, processing techniques.
FOREST INVENTORY



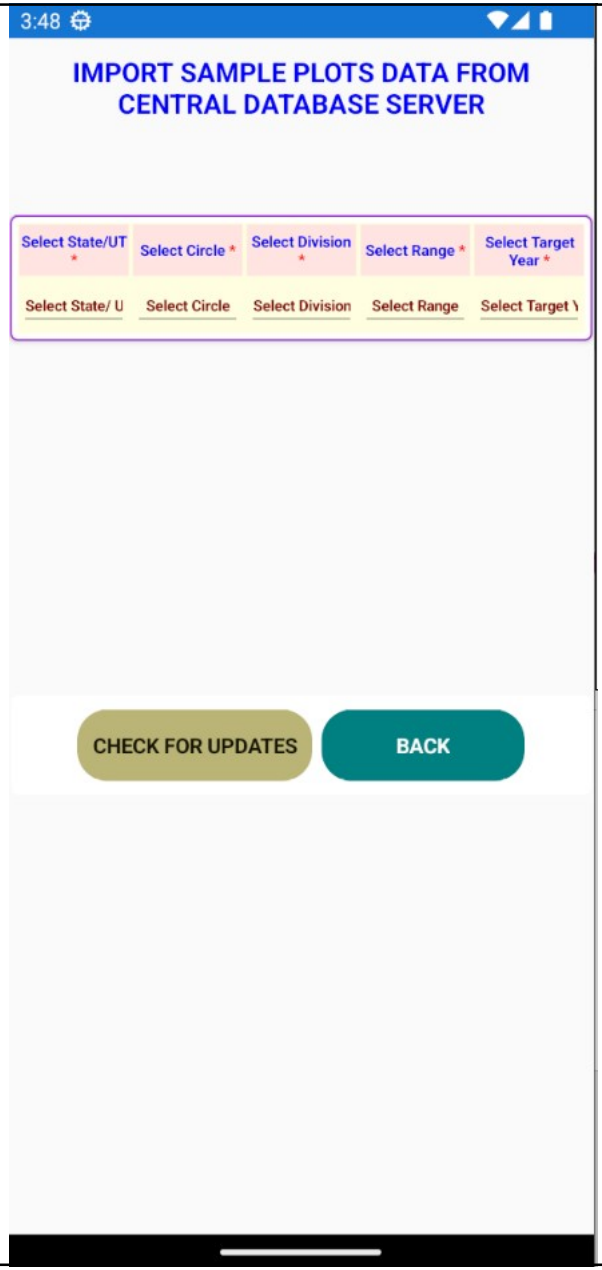
- Search Sample Plots
- Update Master Tables
- Data Post/Sync
- Import Sample Plots
- Start Data Entry
- View on Google Map
- Get Direction to Sample Plot



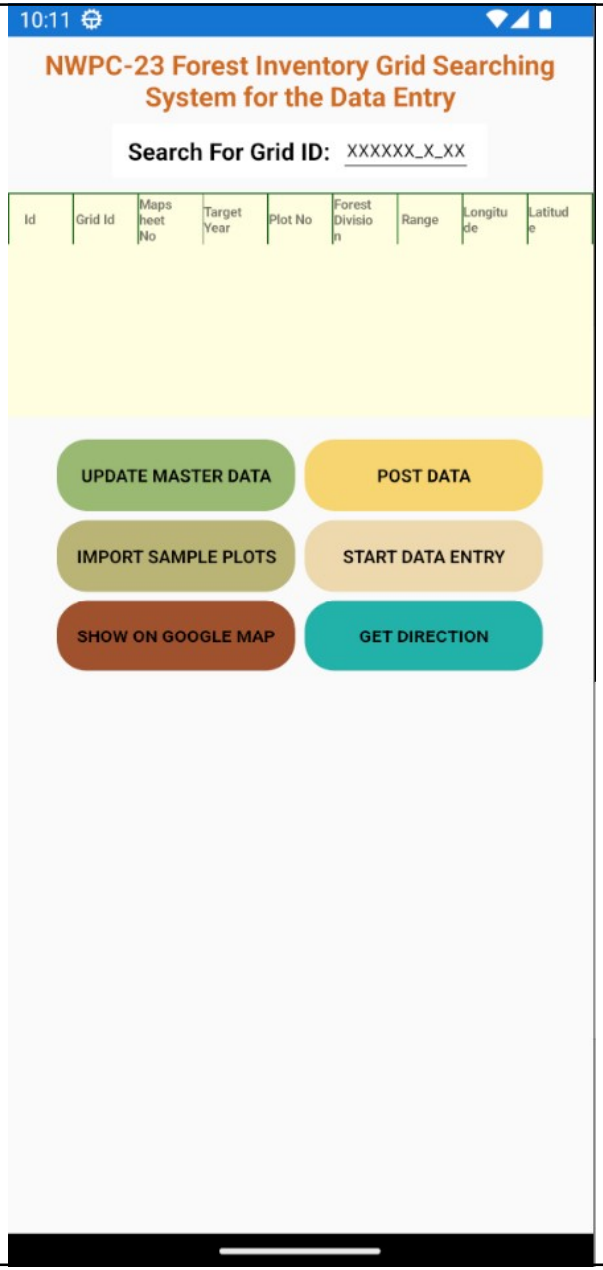


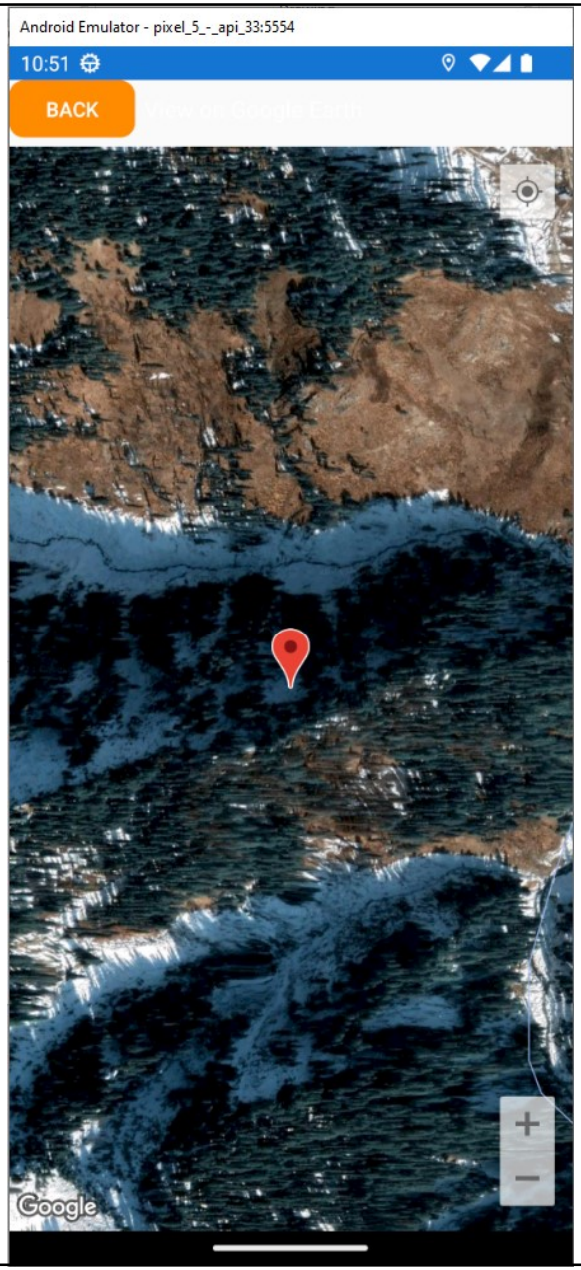
- Update Master Tables into the Android Device.
- One time task only.
- It required internet

- All the inventoried plots data sync to the database server.
- It required internet.

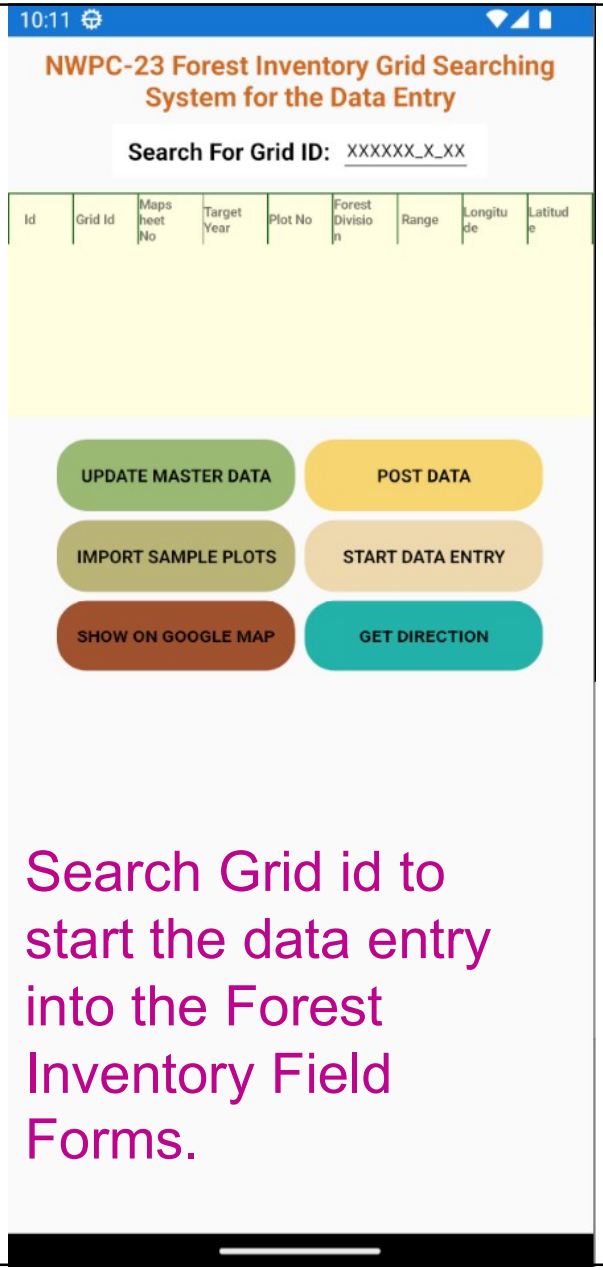


- Import sample plots data into the android device.
- One time activity.
- It required internet.

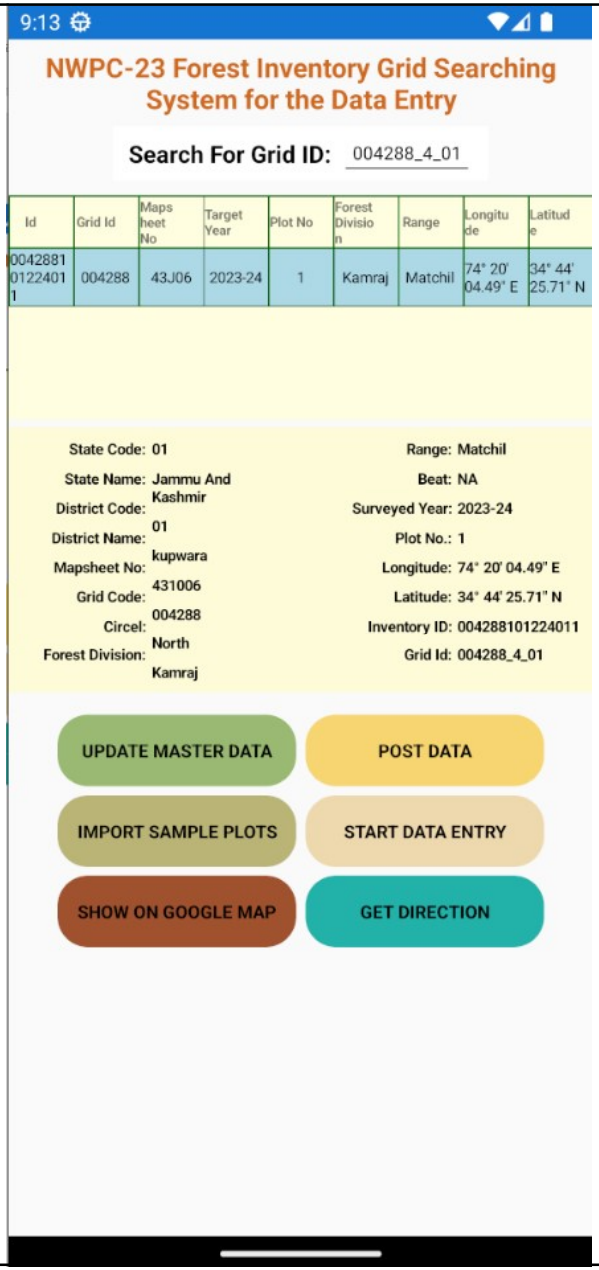


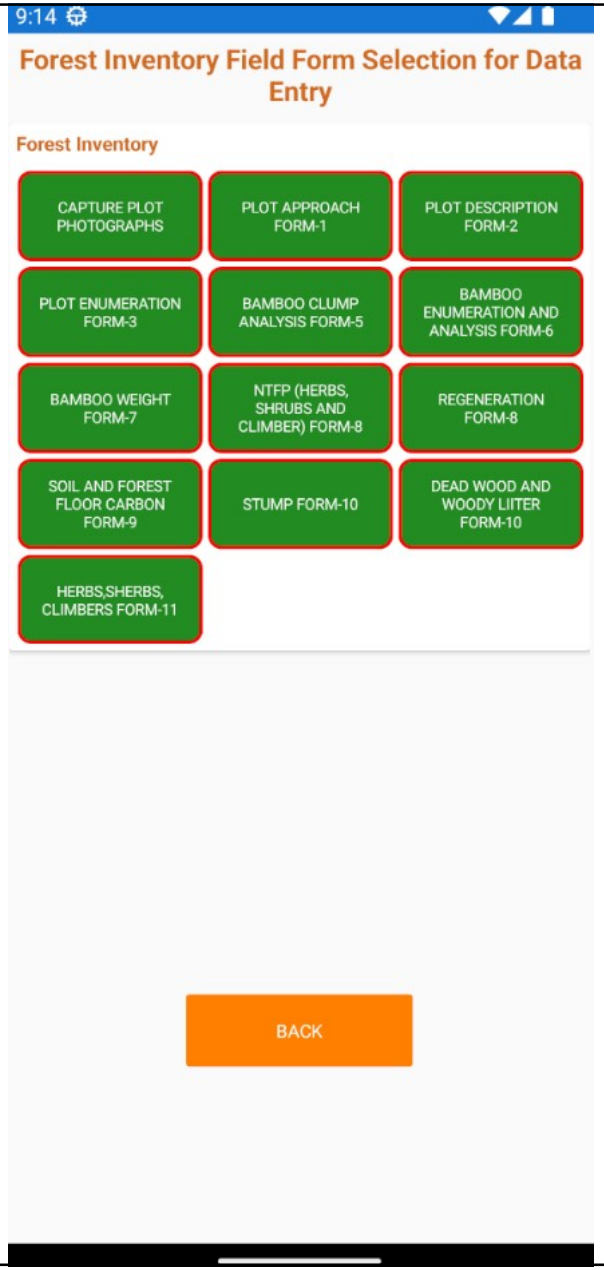


- Search Sample Plot Grid Id
- Location of the sample plot will be displayed on the Google map.

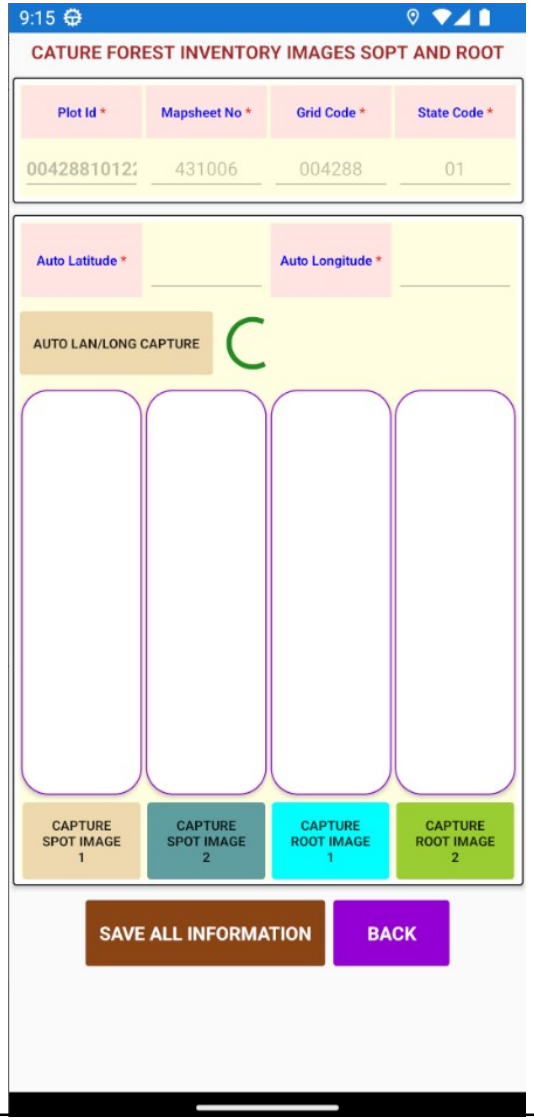


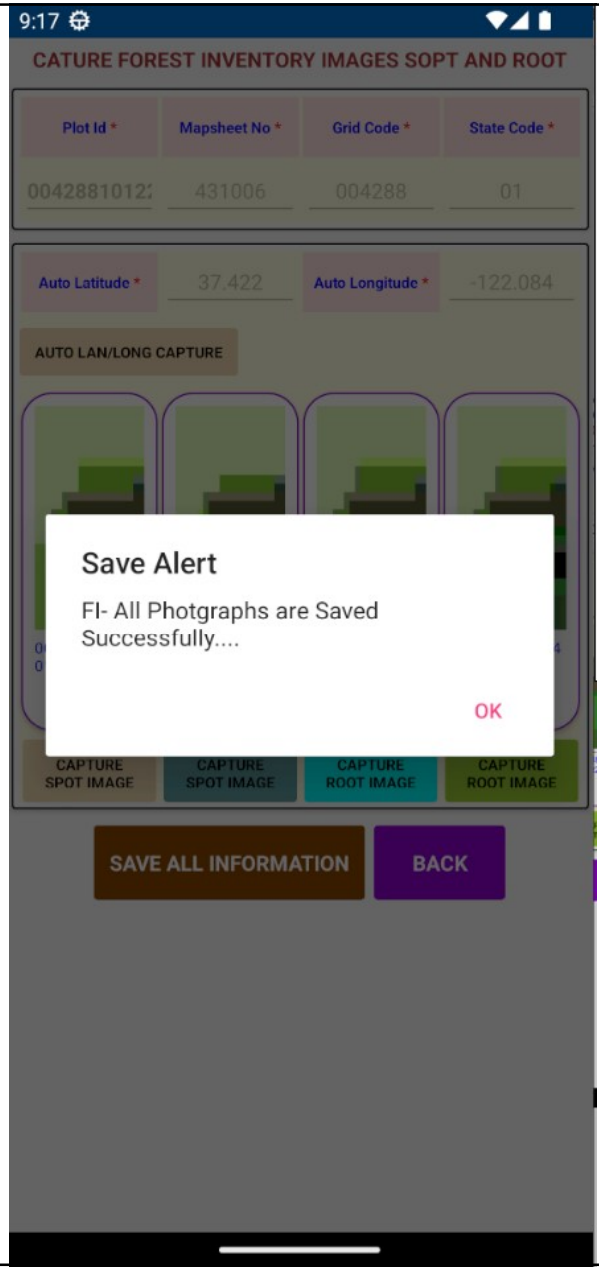
Search Grid id to start the data entry into the Forest Inventory Field Forms.



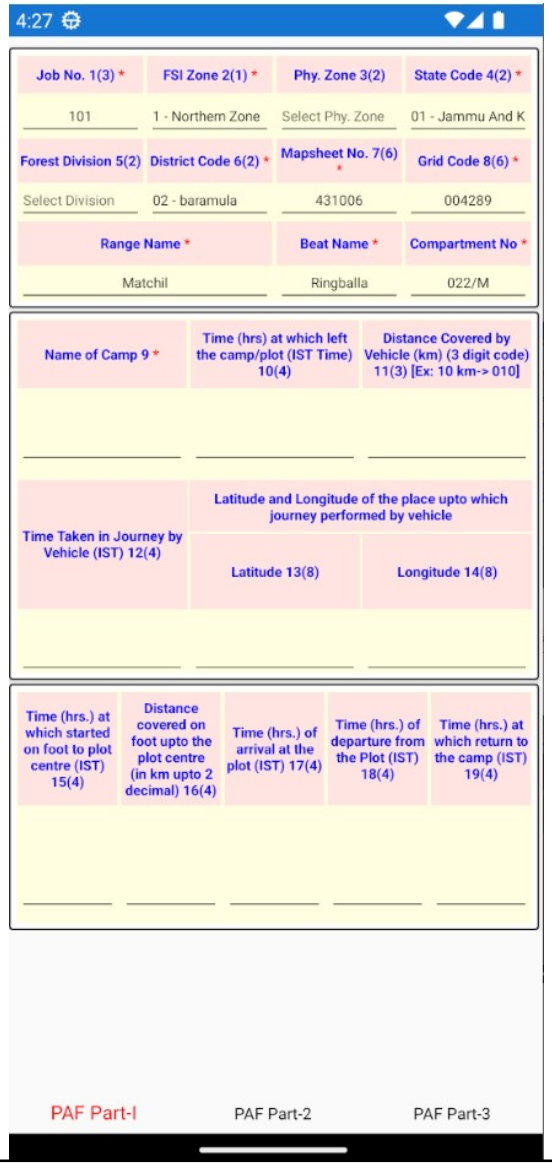


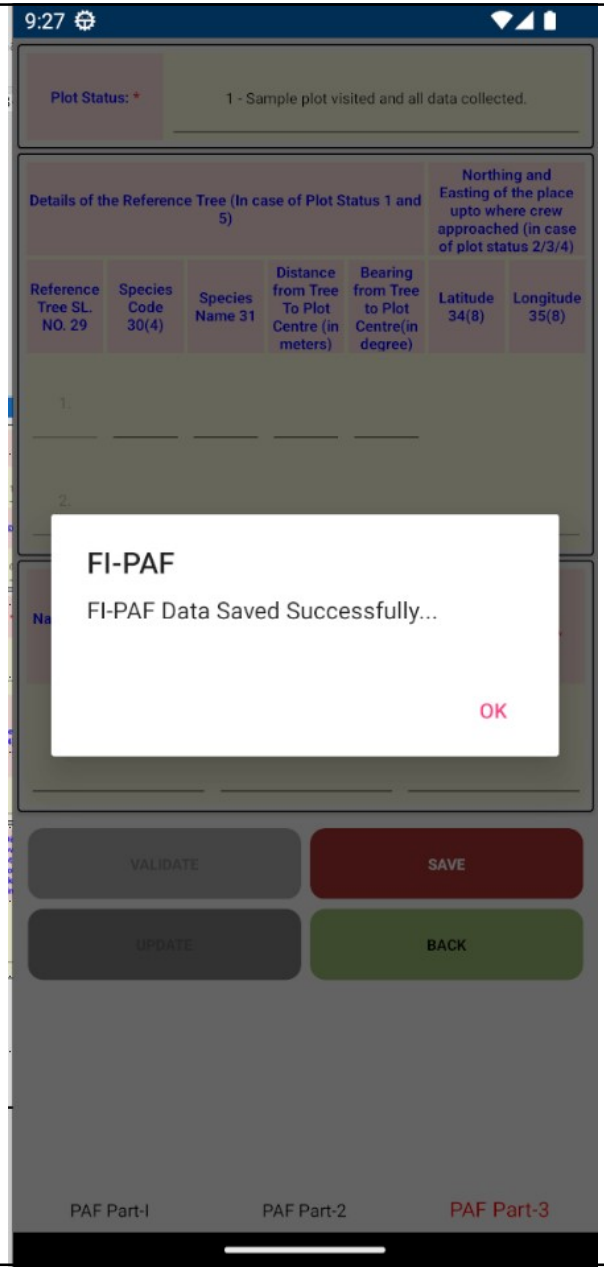
Capture Plot Photograph Form



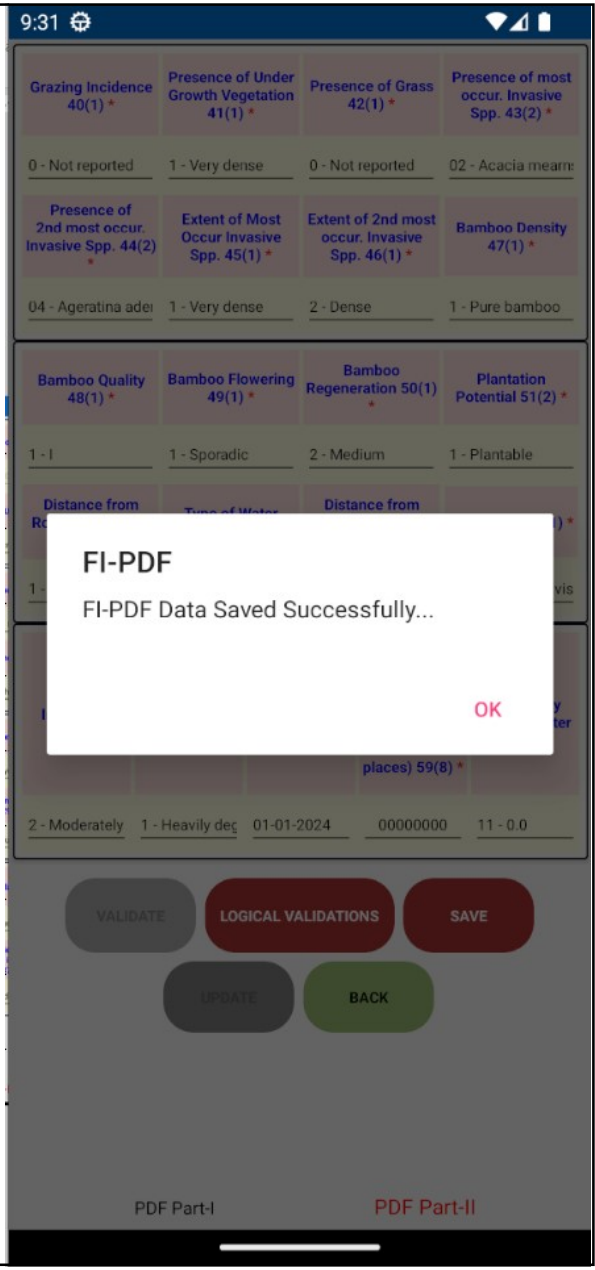


Plot Approach Form

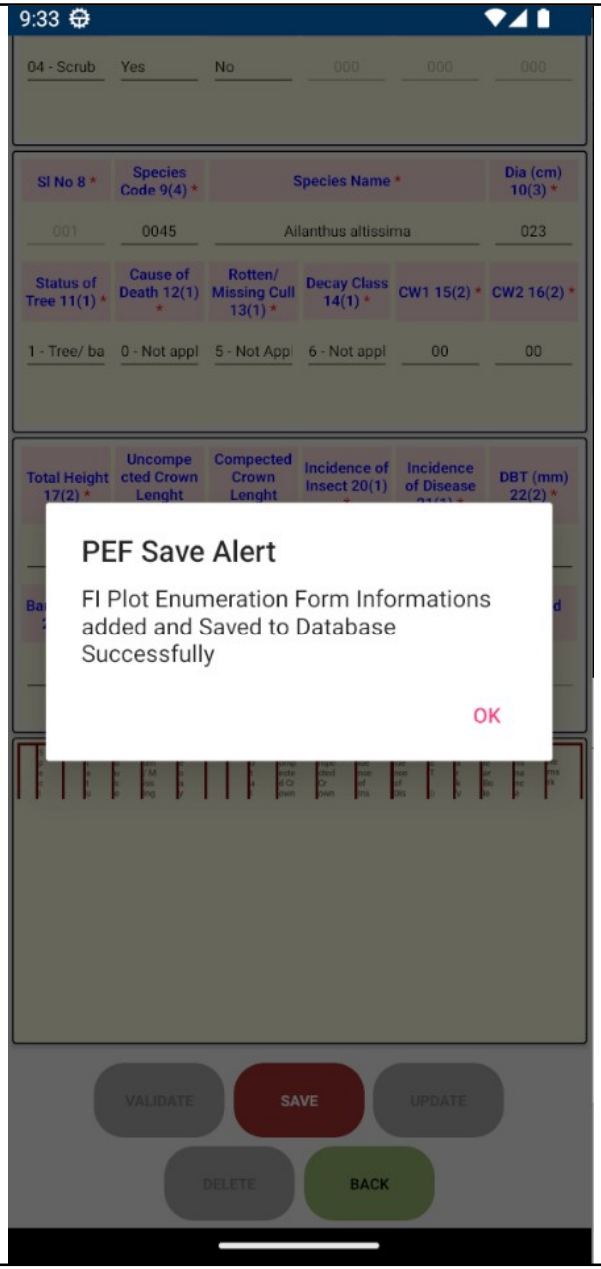


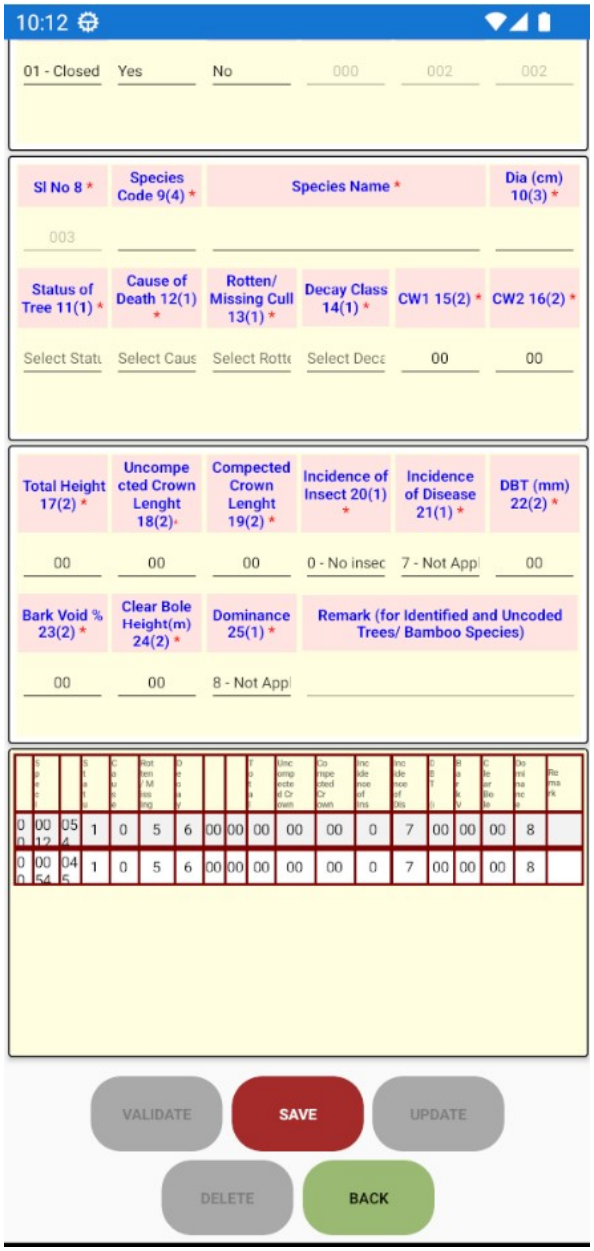


Plot Description Form

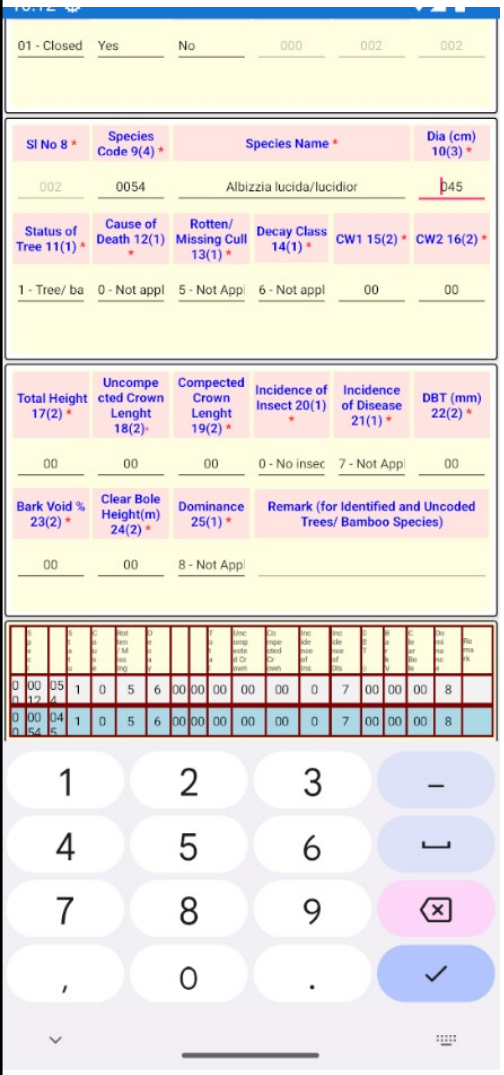


Plot Enumeration and Sample Tree Form

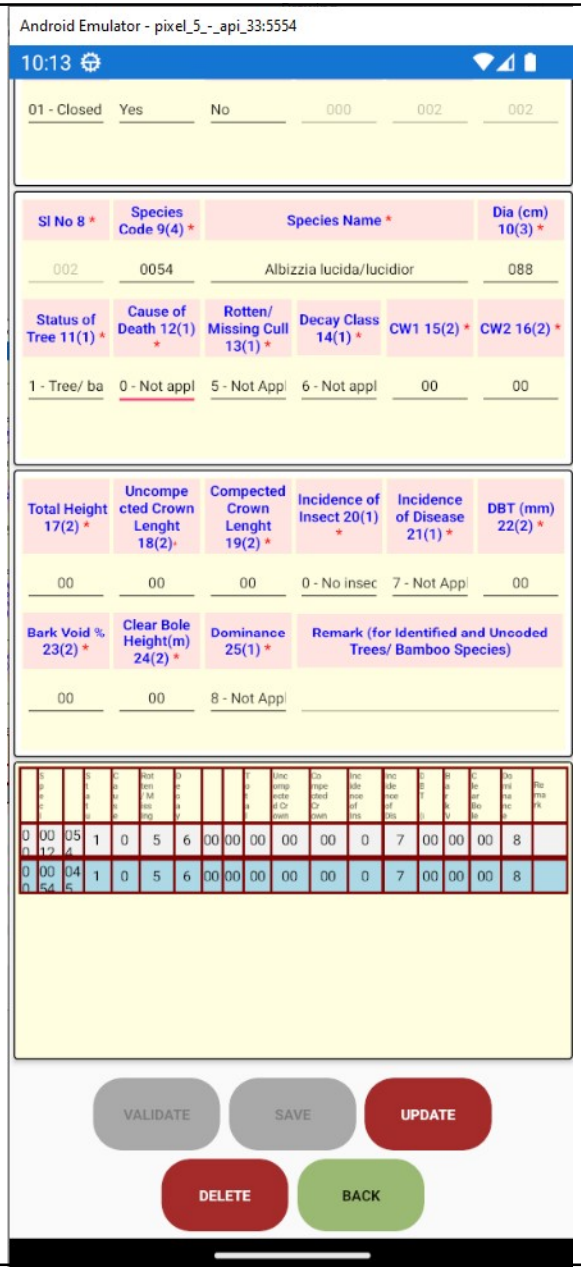


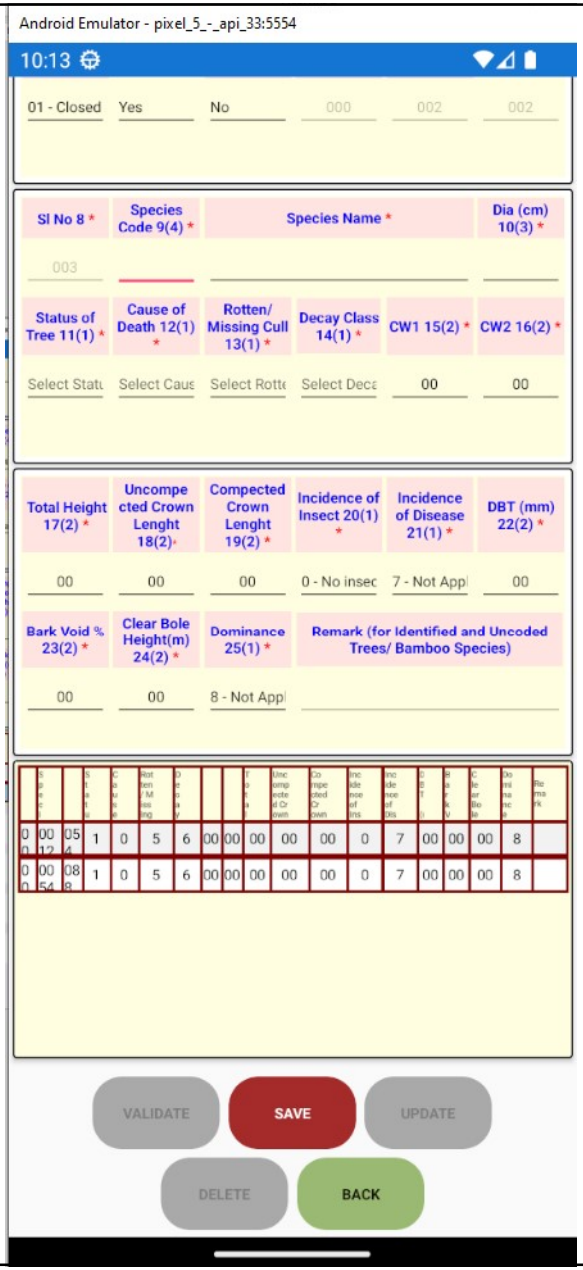


Plot Enumeration and Sample Tree Form

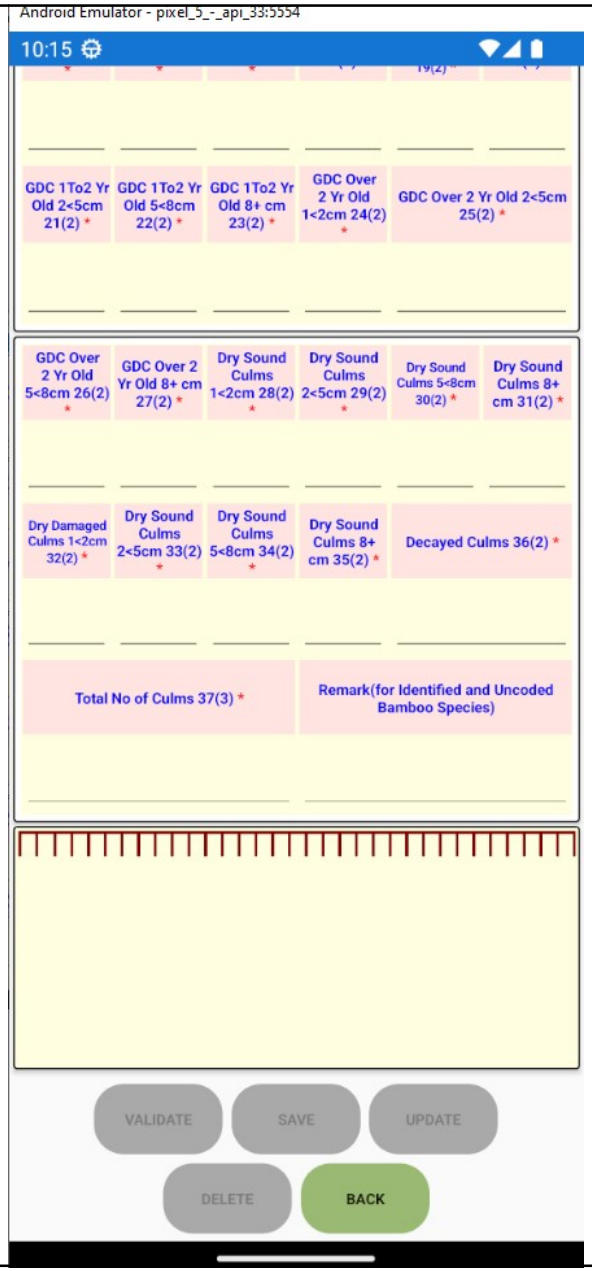


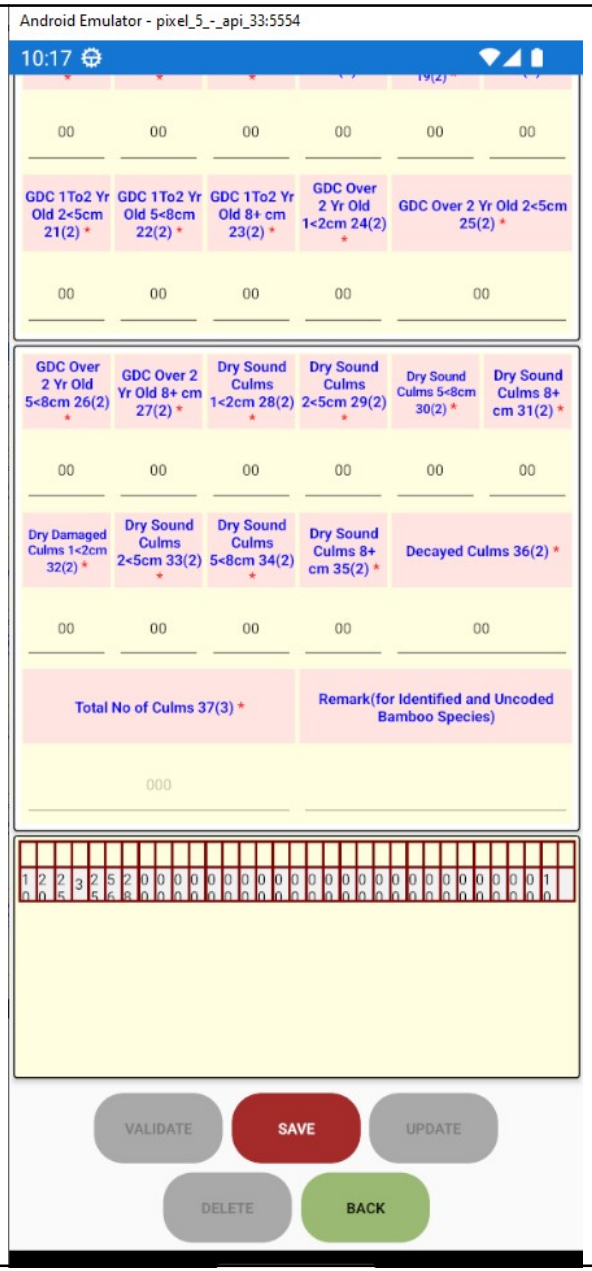
Updating a Tree attributes information



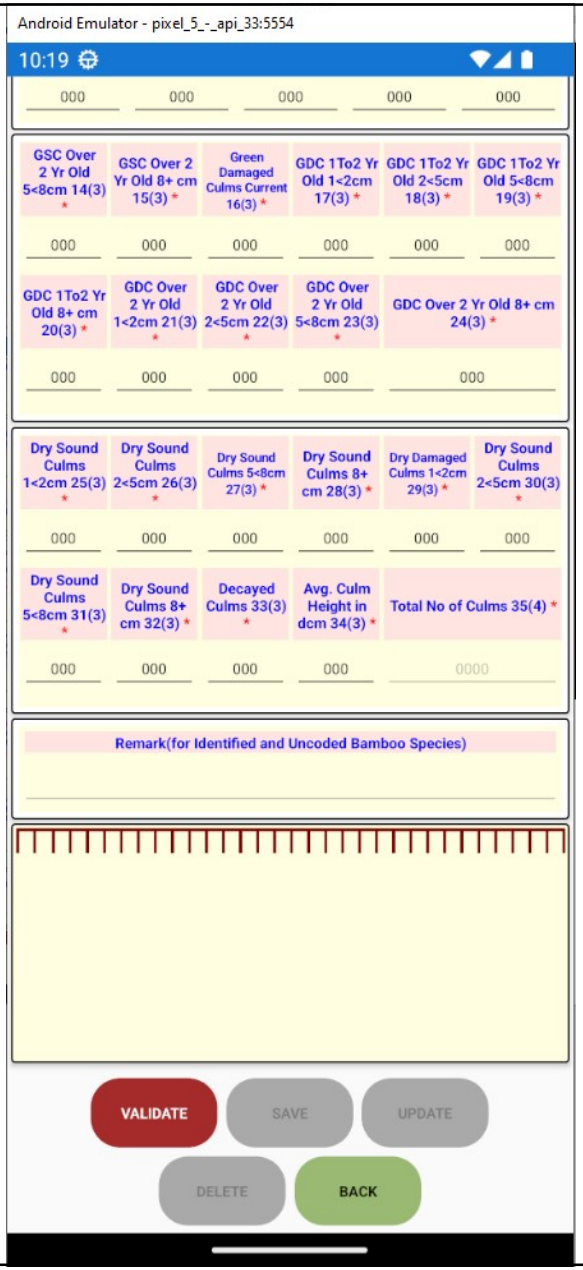


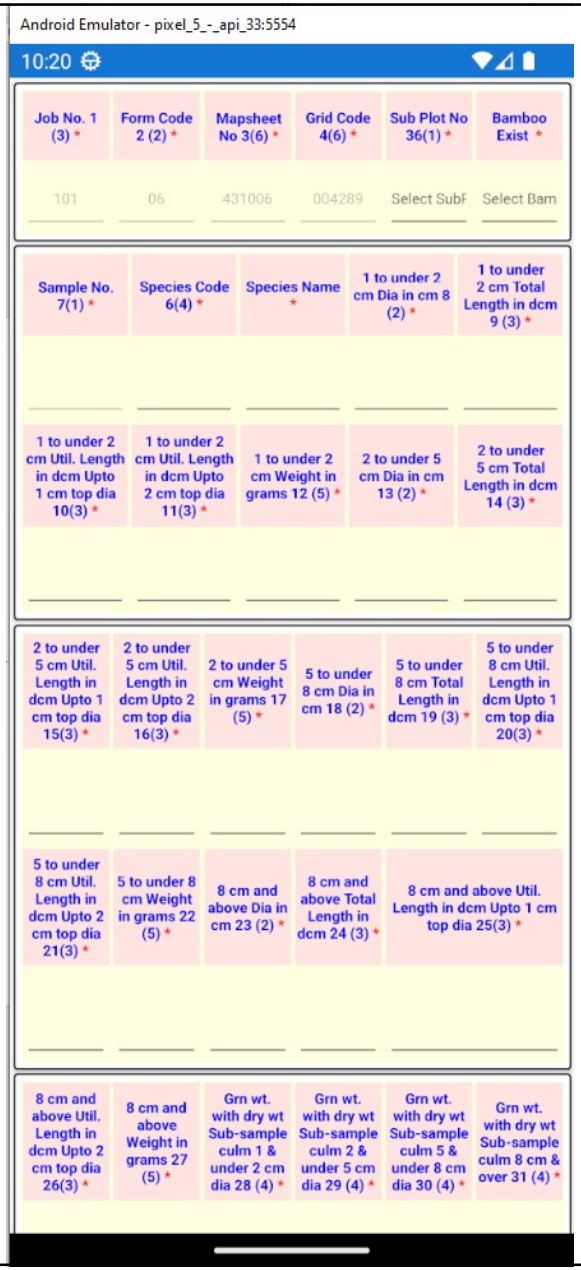
Bamboo Clump Analysis Form





Bamboo Enumeration and Clump Analysis Form (Non Clump Forming)




Android Emulator - pixel_5_-_api_33:5554
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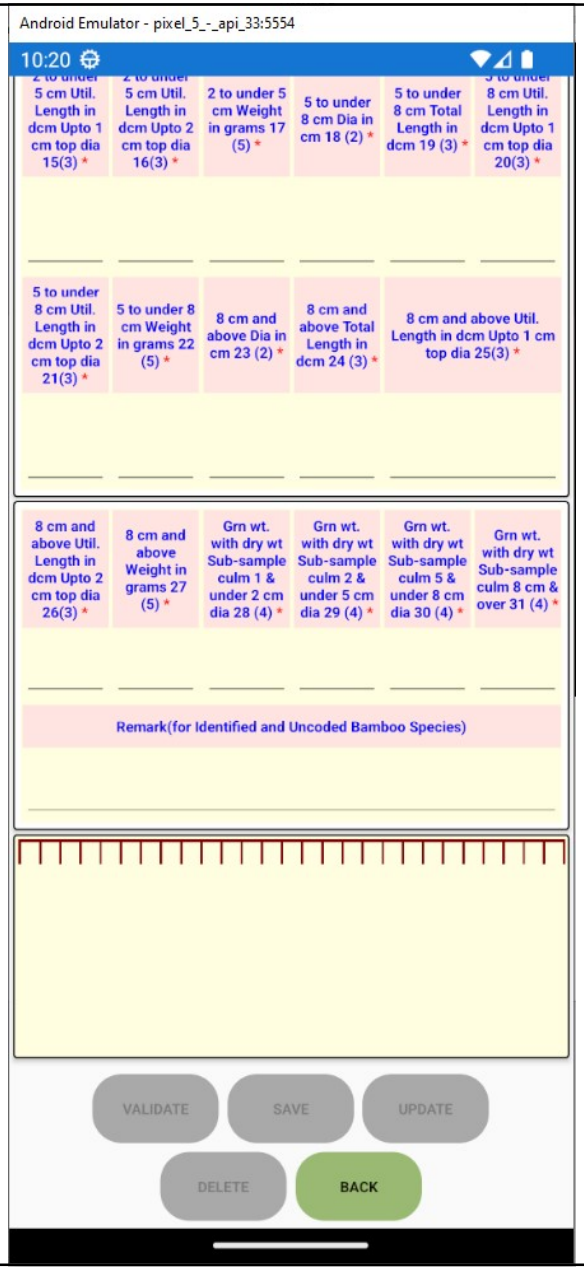
Job No. 1 (3) *
Form Code 2 (2) *
Mapsheet No 3(6) *
Grid Code 4(6) *
Sub Plot No 36(1) *
Bamboo Exist *
101
06
431006
004289
Select SubF
Select Bam
Sample No. 7(1) *
Species Code 6(4) *
Species Name *
1 to under 2 cm Dia in cm 8 (2) *
1 to under 2 cm Total Length in dcm 9 (3) *
1 to under 2 cm Util. Length in dcm Upto 1 cm top dia 10(3) *
1 to under 2 cm Util. Length in dcm Upto 2 cm top dia 11(3) *
1 to under 2 cm Weight in grams 12 (5) *
2 to under 5 cm Dia in cm 13 (2) *
2 to under 5 cm Total Length in dcm 14 (3) *
2 to under 5 cm Util. Length in dcm Upto 1 cm top dia 15(3) *
2 to under 5 cm Util. Length in dcm Upto 2 cm top dia 16(3) *
2 to under 5 cm Weight in grams 17 (5) *
5 to under 8 cm Dia in cm 18 (2) *
5 to under 8 cm Total Length in dcm 19 (3) *
5 to under 8 cm Util. Length in dcm Upto 1 cm top dia 20(3) *
5 to under 8 cm Util. Length in dcm Upto 2 cm top dia 21(3) *
5 to under 8 cm Weight in grams 22 (5) *
8 cm and above Dia in cm 23 (2) *
8 cm and above Total Length in dcm 24 (3) *
8 cm and above Util. Length in dcm Upto 1 cm top dia 25(3) *
8 cm and above Util. Length in dcm Upto 2 cm top dia 26(3) *
8 cm and above Weight in grams 27 (5) *
Grn wt. with dry wt Sub-sample culm 1 & under 2 cm dia 28 (4) *
Grn wt. with dry wt Sub-sample culm 2 & under 5 cm dia 29 (4) *
Grn wt. with dry wt Sub-sample culm 5 & under 8 cm dia 30 (4) *
Grn wt. with dry wt Sub-sample culm 8 cm & over 31 (4) *


Android Emulator - pixel_5_-_api_33:5554
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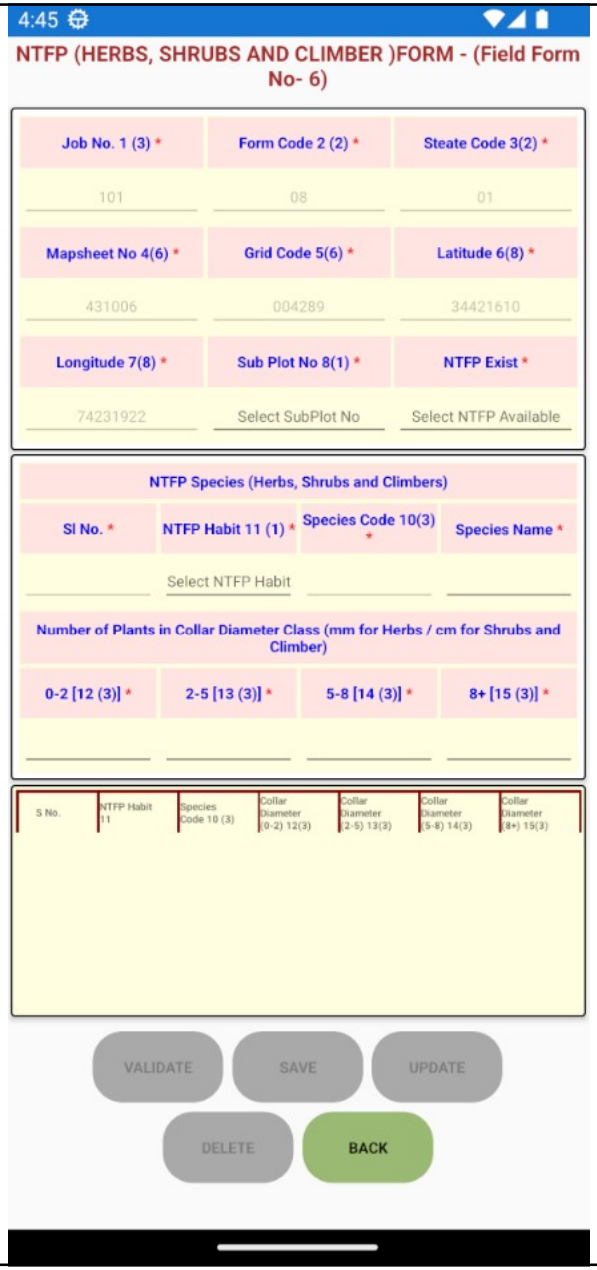
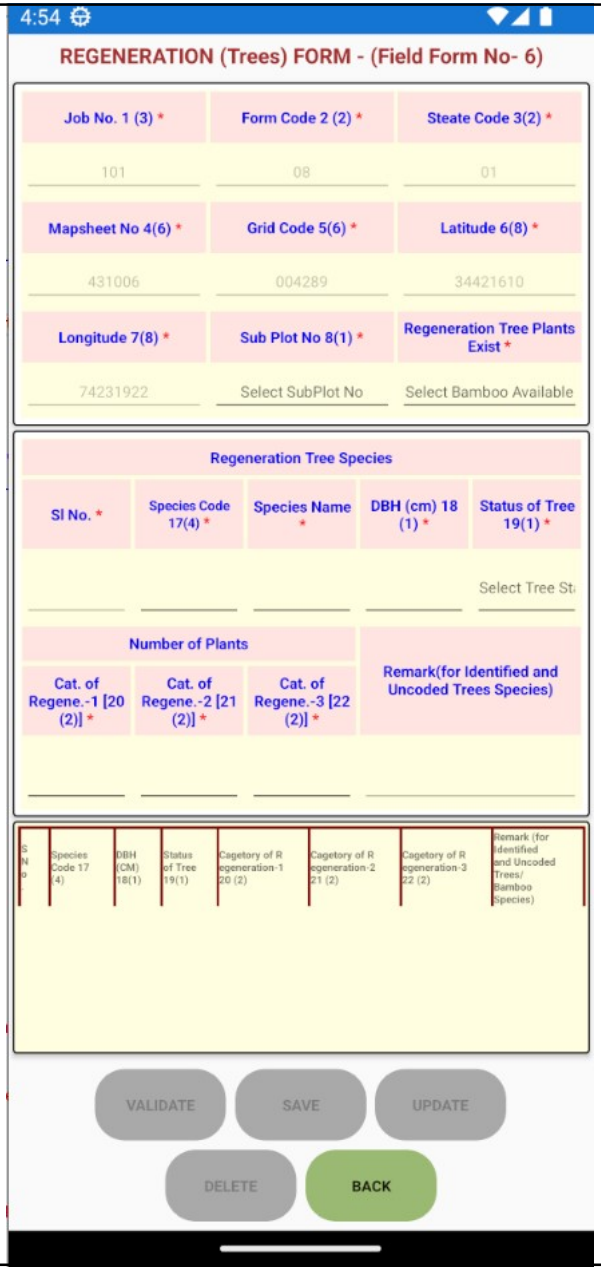
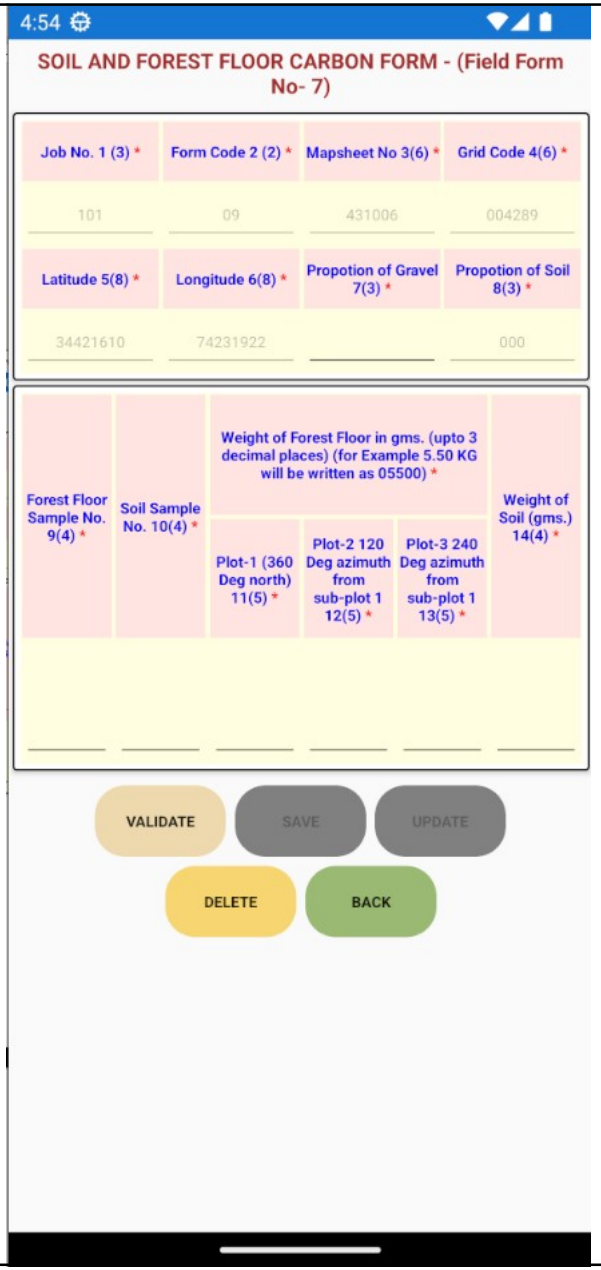
5 cm Util. Length in dcm Upto 1 cm top dia 15(3) *
5 cm Util. Length in dcm Upto 2 cm top dia 16(3) *
2 to under 5 cm Weight in grams 17 (5) *
5 to under 8 cm Dia in cm 18 (2) *
5 to under 8 cm Total Length in dcm 19 (3) *
8 cm Util. Length in dcm Upto 1 cm top dia 20(3) *
5 to under 8 cm Util. Length in dcm Upto 2 cm top dia 21(3) *
5 to under 8 cm Weight in grams 22 (5) *
8 cm and above Dia in cm 23 (2) *
8 cm and above Total Length in dcm 24 (3) *
8 cm and above Util. Length in dcm Upto 1 cm top dia 25(3) *
8 cm and above Util. Length in dcm Upto 2 cm top dia 26(3) *
8 cm and above Weight in grams 27 (5) *
Grn wt. with dry wt Sub-sample culm 1 & under 2 cm dia 28 (4) *
Grn wt. with dry wt Sub-sample culm 2 & under 5 cm dia 29 (4) *
Grn wt. with dry wt Sub-sample culm 5 & under 8 cm dia 30 (4) *
Grn wt. with dry wt Sub-sample culm 8 cm & over 31 (4) *
Remark(for Identified and Uncoded Bamboo Species)
VALIDATE
SAVE
UPDATE
DELETE
BACK

NTFP (Herbs, Shrubs and Climbers) and Regeneration Form

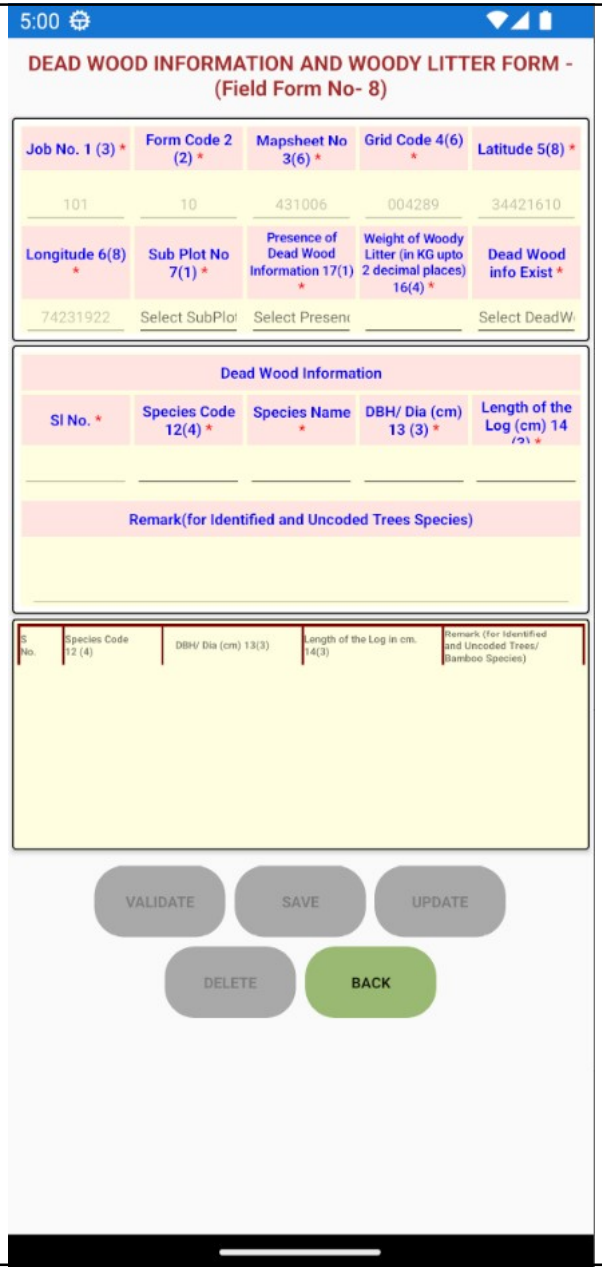


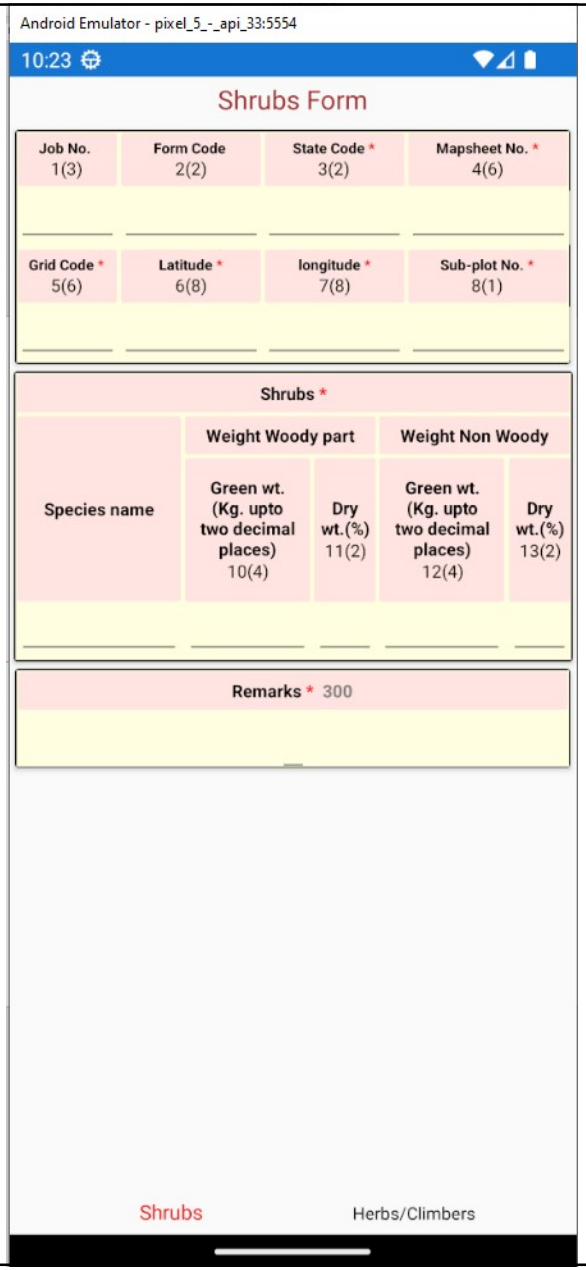


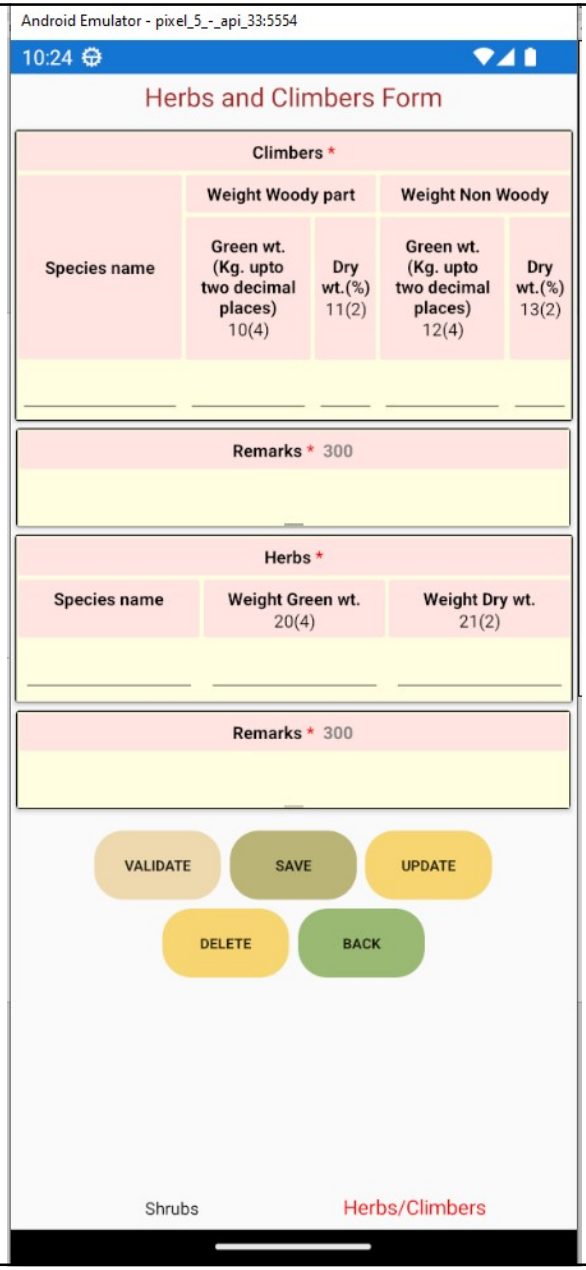
Soil and Forest Floor Carbon Form



Stump, Dead Wood and Woody Litter Form




Android Emulator - pixel_5_-_api_33:5554
10:23
Shrubs Form
Job No. 1(3)
Form Code 2(2)
State Code * 3(2)
Mapsheet No. * 4(6)
Grid Code * 5(6)
Latitude * 6(8)
longitude * 7(8)
Sub-plot No. * 8(1)
Shrubs *
Species name
Weight Woody part
Green wt. (Kg. upto two decimal places) 10(4)
Dry wt.(%) 11(2)
Weight Non Woody
Green wt. (Kg. upto two decimal places) 12(4)
Dry wt.(%) 13(2)
Remarks * 300
Shrubs
Herbs/Climbers


Android Emulator - pixel_5_-_api_33:5554
10:24
Herbs and Climbers Form
Climbers *
Species name
Weight Woody part
Green wt. (Kg. upto two decimal places) 10(4)
Dry wt.(%) 11(2)
Weight Non Woody
Green wt. (Kg. upto two decimal places) 12(4)
Dry wt.(%) 13(2)
Remarks * 300
Herbs *
Species name
Weight Green wt. 20(4)
Weight Dry wt. 21(2)
Remarks * 300
VALIDATE
SAVE
UPDATE
DELETE
BACK
Shrubs
Herbs/Climbers

Discussions…

Thanks